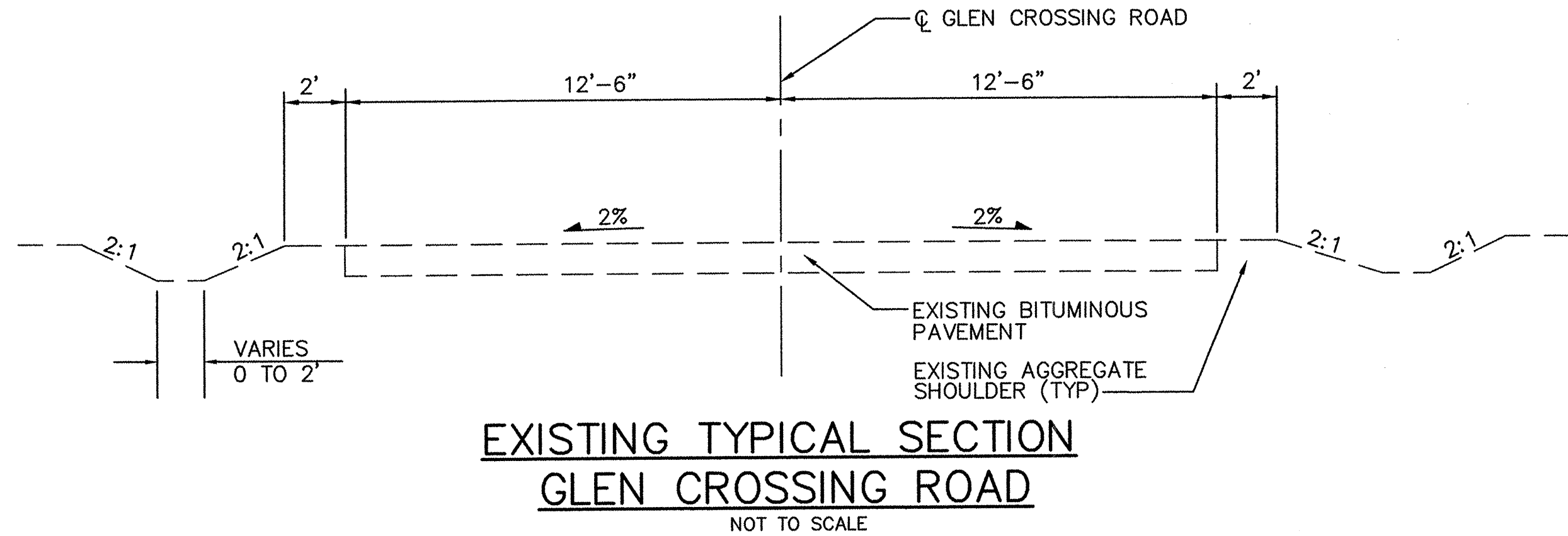
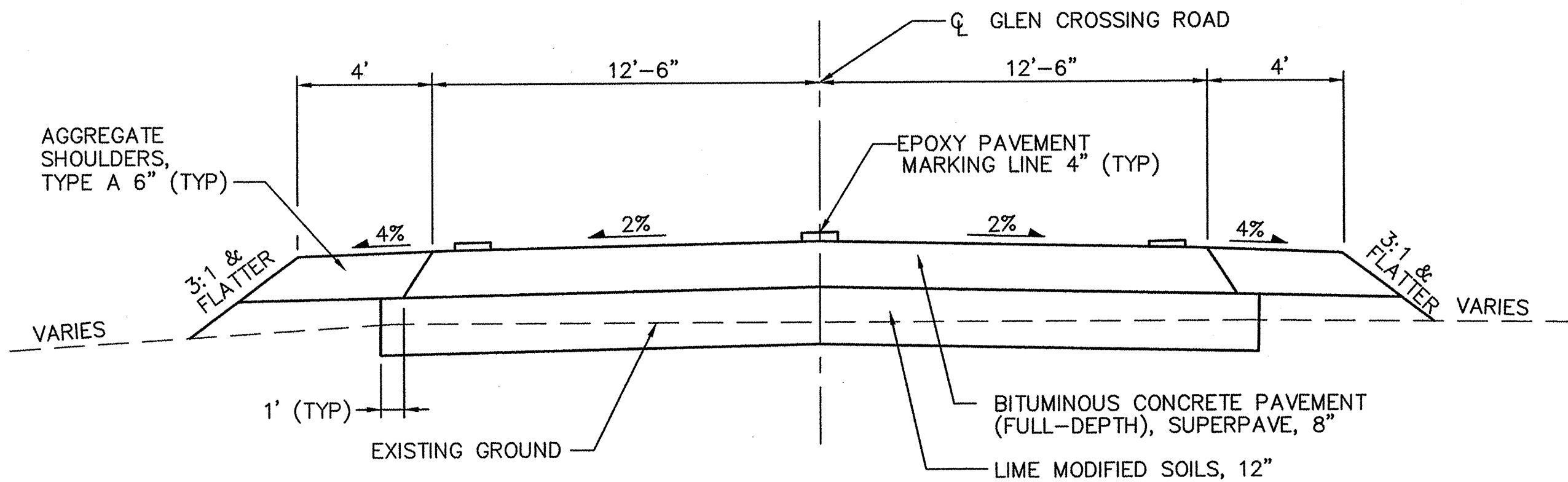
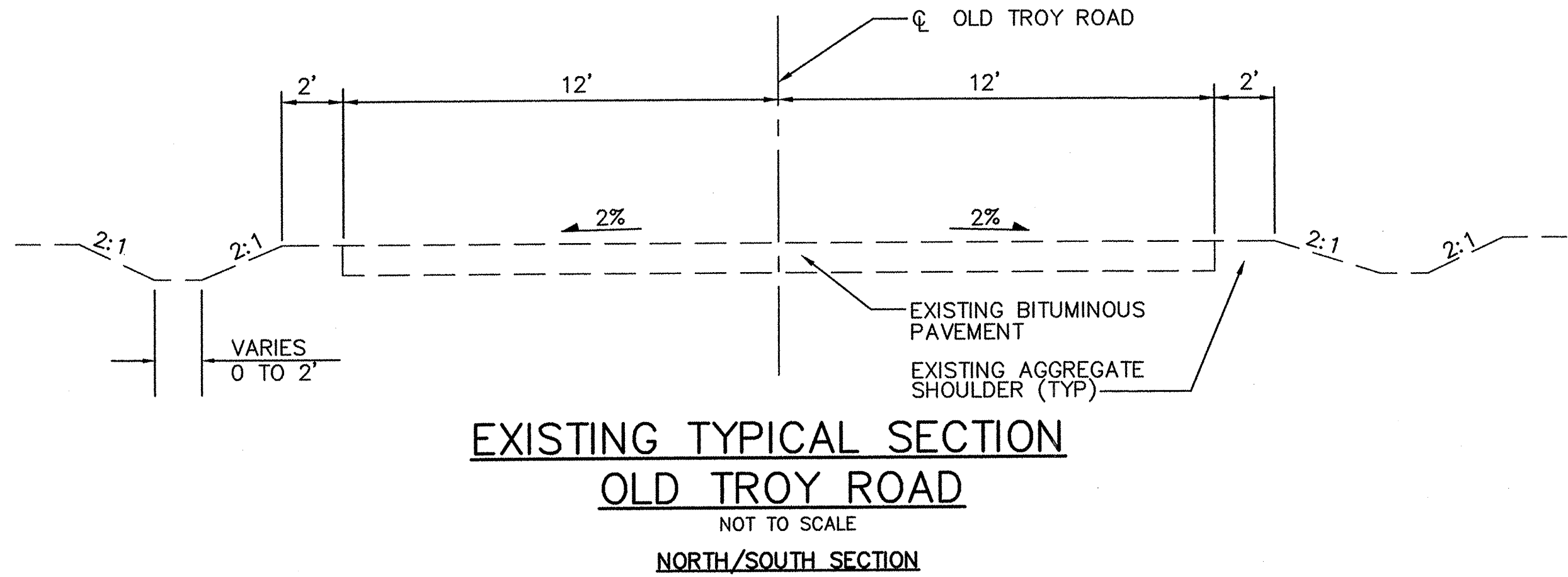
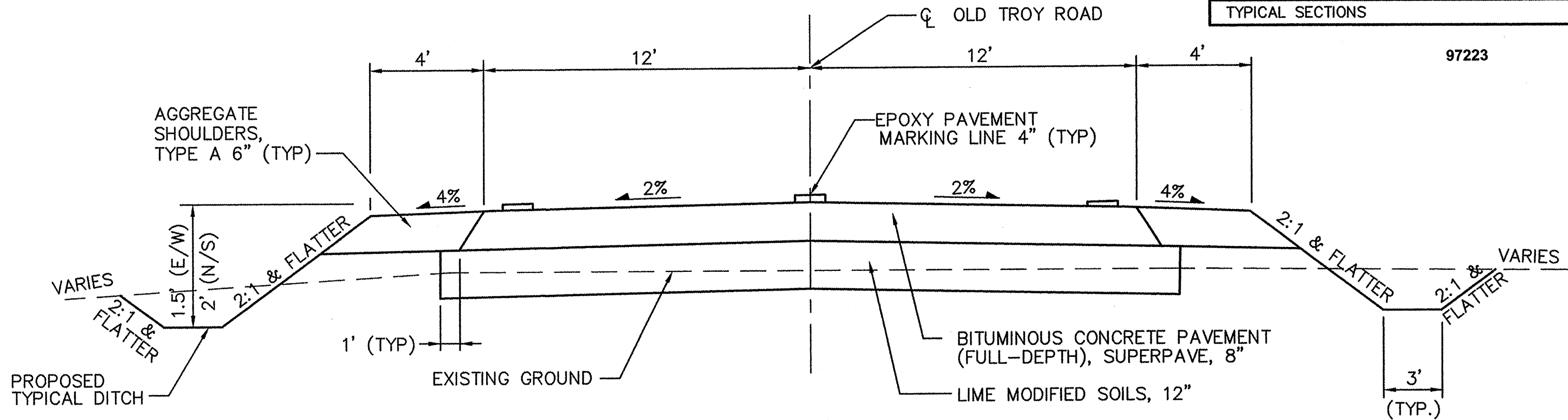
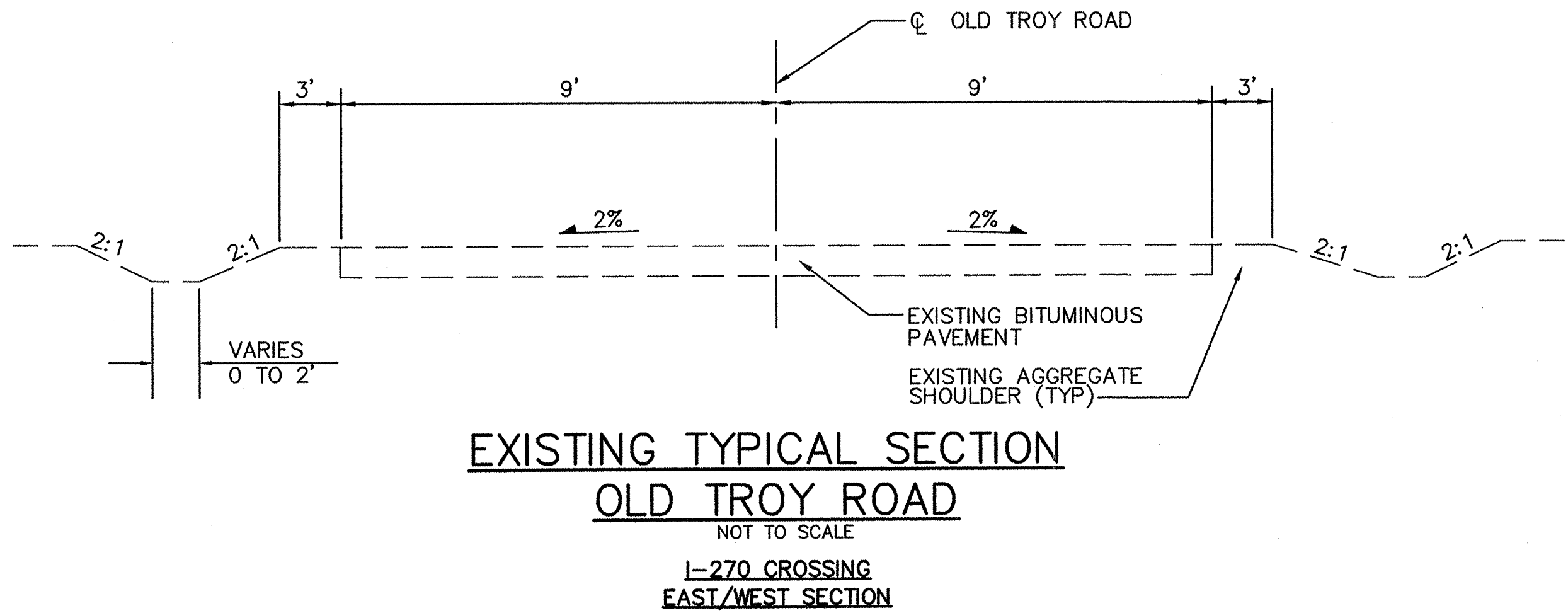


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00014-01-BT	MADISON	160	5
TYPICAL SECTIONS			



MIXTURE REQUIREMENTS - SUPERPAVE PROJECT				
20 YR. ESAL'S				
MIXTURE USE	SURFACE (TRAIL)	BINDER (FULL-DEPTH)	SURFACE (FULL-DEPTH)	INCIDENTAL
AC/PG	PG 58-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	30%	25%	15%	15%
DESIGN AIR VOIDS	3.0% @ NDES=30	4.0% @ NDES=50	4.0% @ NDES=50	4.0% @ NDES=50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5L	IL 19.0		
FRICTION AGG	MIXTURE C	MIXTURE B	MIXTURE D	MIXTURE D

WATERWAY INFORMATION TABLE

LOCATION	EXISTING PIPE DIA. (INCHES)	PROPOSED PIPE DIA. (INCHES)	DRAINAGE AREA (ACRES)	EXISTING OPENING (SQ. FT)	PROPOSED OPENING (SQ. FT)	DESIGN YEAR DISCHARGE (CFS)	100-YR DISCHARGE (CFS)	CREATED HEAD FOR DESIGN FLOOD (FT)	CREATED HEAD FOR DESIGN FLOOD (FT)	CREATED HEAD FOR 100-YR FLOOD (FT)	FLOOD OF RECORD DISCHARGE (CFS)	FLOOD OF RECORD DATE
SCHOOLHOUSE CONNECTOR MAINLINE												
19+50	24	36	41.2	3.1	7.1	41.6	54.1	2.29	2.29	3.50	n/a	n/a
46+40	30	36	80.9	4.9	7.1	56.2	70.5	3.24	3.24	3.39	n/a	n/a
60+00	24	36	72.0	3.1	7.1	55.1	69.9	3.93	3.93	4.56	n/a	n/a
234+77	36	36	86.0	7.1	7.1	78.7	107.5	3.85	3.85	7.62	n/a	n/a
OLD TROY ROAD (I-270)												
20+71	24	36	72.0	3.1	7.1	55.1	69.9	3.58	3.58	4.98	n/a	n/a